

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 11269098 A

(43) Date of publication of application: 05.10.1999

(51) Int. Cl. A61K 47/34
A23K 1/16, A61K 9/22

(21) Application number: 11004322
(22) Date of filing: 11.01.1999
(30) Priority: 13.01.1998 DE 98 19800927

(71) Applicant: BASF AG
(72) Inventor: KOTHRAD STEPHAN DR
MUELLER WOLFGANG DR
BERNDL GUNTHER
SANNER AXEL DR

(54) PRODUCTION OF SOLID DOSAGE FORM

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a solid dosage form by extruding a melted product containing a specific polyamide as a binder, capable of simply obtaining the dosage form having an active ingredient sustained release property at an advantageous cost.

SOLUTION: This method for producing a dosage form comprises mixing (A) at least one of polymer

binder, if necessary, with (B) at least one kind of active ingredient and, if necessary, further with (C) one or more kinds of conventional additives and subsequently molding the formed plastic mixture. Therein, a polyamide having sulfonate groups is used as the component A. The polyamide is preferably obtained from (i) 0-90 mol.% of at least one kind of monoaminocarboxylic acid, its lactam or a mixture of the monoaminocarboxylic acid with its lactam, (ii) 5-50 mol.% of at least one kind of a primary or secondary diamine and (iii) 0.5-49.5 mol.% of at least one kind of sulfonate group-having dicarboxylic acid.

COPYRIGHT: (C)1999,JPO